

CLAIMS

1. Portable equipment for taking identification photographs, capable of being mounted on a wall or on the container used for carrying it, the equipment comprising:

- a vertically extending base, provided with a bracket for connection to a support frame and having a prismatic pair, with a longitudinal guide integral with the base and a sliding block which is slidable upwards and downwards by vertical movement means under the control of limit switches;

- a motor unit, fixed to the base and comprising motor means and means of transmitting the motion to the means for the vertical movement of the sliding block along the guide,

- an upright fixed on the sliding block and provided with an ultrasonic height meter;

- a horizontally extending frame supported by the upright and in turn supporting:

- sheet holders and corresponding vertical background sheets for a posing space, of which two lateral sheets are positioned opposite each other, each having a central aperture, and a third, rear sheet is positioned orthogonally with respect to the first two sheets;

- at least three digital video cameras, with corresponding lamps for illumination, namely a front video camera opposite the third cloth and two lateral video cameras passing through the corresponding central apertures of the two lateral cloths, the at least three video cameras being aimed toward the posing space for simultaneously photographing the face of a subject frontally and in profile from both sides, and for recording it in three instantaneous images in digital form;

- a control device, comprising a microprocessor connected for operation via a control card to the motor means, the limit sensors, the ultrasonic height gauge, the illuminating lamps of the video cameras and the video cameras themselves, and connected to an operating device for taking, selecting and storing the identification photographs.

2. The portable equipment as claimed in claim 1, characterized in that said vertically extending base is in the shape of a flattened parallelepiped, having one face opposite the posing space to which is fixed the bracket for connection to the support frame, sides with dovetail guides engaging with corresponding profiles for the sliding of the sliding block, and one face, pointing towards the posing space, on which are mounted vertical movement means in the form of a toothed belt integral with the sliding block, running round corresponding end pulleys.

3. The portable equipment as claimed in claim 1, characterized in that the motor means of the motor unit comprise an electric motor, whose shaft projects from the motor unit on the opposite side to the posing space, and the means of transmitting the motion to the means for the vertical movement of the sliding block include a flexible transmission between a pulley integral with the shaft of the electric motor and a pulley associated with said movement means.

4. The portable equipment as claimed in claim 1, characterized in that the upright fixed on the sliding block consists of two parallel tubular elements, additional tubular elements interconnected by the sliding block and by at least one other transverse stiffening member, including a top cap carrying the front video camera.

5. The portable equipment as claimed in claim 1, characterized in that said horizontally extending frame comprises first arms connected laterally to the upright and extending into second arms, orthogonal to the first, each of which carries a side video camera and corresponding sheet holders.

6. The portable equipment as claimed in claims 1 and 5, characterized in that each sheet holder comprises at least one pair of facing upper bars supported by a corresponding multiplicity of pairs of vertical rods with their lower ends inserted in said lateral arms; the lateral background sheets, reinforced at the top and bottom by rods, being gripped parallel to the corresponding lateral bars, while the rear

sheet is supported by the ends of the bars.

7. The portable equipment as claimed in claim 1, characterized in that the bracket for connection to the support frame is in the shape of the character Ω , and is connected to the frame by means of knurled screws.

8. The portable equipment as claimed in claim 1, characterized in that the base support frame is fixed to a wall of a building.

9. The portable equipment as claimed in claim 1, characterized in that the base support frame is fixed to the inner part of the lid of a flattened parallelepipedal container with rigid walls, comprising a case to which the lid is hinged, this container acting when opened as a pedestal for the equipment.

10. The portable equipment as claimed in claim 9, characterized in that the lid and the case of the container are interconnected by gas springs, the case and the lid having feet on their adjacent narrow sides.

11. The portable equipment as claimed in claim 9, characterized in that the container comprises, on one narrow side of the lid, additional feet which can be opened by means of hinged brackets to increase their supporting surface.

12. The portable equipment as claimed in claim 9, characterized in that the case has racks for the storage of upright extensions, the corresponding top cap, sheet holding rods, sheets, video cameras, upright frame arms, and a horizontal arm for the central video camera.

13. The portable equipment as claimed in claim 9, characterized in that the lid of the case contains lateral arms of the frame, top sheet holder bars and auxiliary cables.